

FLEXIBLE DEVICE FOR ABLATION OF BIOLOGICAL TISSUE

ABSTRACT

An ablation system incorporating an enhanced deflectable distal portion, is provided. The system includes an elongated tubular member having a deflectable distal portion adapted to assume a specific predetermined or predefined shape when deployed. The predetermined shape allows for the creation of a desired uniform energy emission pattern with respect to a target tissue, such that energy may be directed toward the target tissue independent of an approach orientation of the ablation system. The energy pattern results in the creation of a desired tissue ablation. The ablation system may further comprise a steering system which aides in directing the distal portion toward a target tissue site. The steering system may alternatively be incorporated into a separate guiding catheter as part of the ablation system.

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